

Hit Summary Sheet
SW-846

SDG No.: P5297

Order ID: P5297

Client: Elegant Jewelers Mfg. Co. Inc.

Project ID: SEPT-23

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : SEPT-23								
P5297-02	SEPT-23	Water	Cadmium	0.27	J	0.21	3.00	ug/L
P5297-02	SEPT-23	Water	Chromium	14.5		0.52	5.00	ug/L
P5297-02	SEPT-23	Water	Copper	562		1.52	10.0	ug/L
P5297-02	SEPT-23	Water	Lead	2.53	J	1.57	6.00	ug/L
P5297-02	SEPT-23	Water	Mercury	0.17	J	0.022	0.20	ug/L
P5297-02	SEPT-23	Water	Nickel	24.2		1.28	20.0	ug/L
P5297-02	SEPT-23	Water	Silver	78.6		0.83	5.00	ug/L
P5297-02	SEPT-23	Water	Zinc	70.2		1.44	20.0	ug/L



SAMPLE DATA

A

B

C

D

Report of Analysis

Client:	Elegant Jewelers Mfg. Co. Inc.	Date Collected:	12/18/24
Project:	SEPT-23	Date Received:	12/19/24
Client Sample ID:	SEPT-23	SDG No.:	P5297
Lab Sample ID:	P5297-02	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-43-9	Cadmium	0.27	J	1	0.21	3.00	ug/L	12/27/24 10:05	12/27/24 15:44	EPA 200.7	
7440-47-3	Chromium	14.5		1	0.52	5.00	ug/L	12/27/24 10:05	12/27/24 15:44	EPA 200.7	
7440-50-8	Copper	562	N	1	1.52	10.0	ug/L	12/27/24 10:05	12/27/24 15:44	EPA 200.7	
7439-92-1	Lead	2.53	J	1	1.57	6.00	ug/L	12/27/24 10:05	12/27/24 15:44	EPA 200.7	
7439-97-6	Mercury	0.17	J	1	0.022	0.20	ug/L	12/27/24 10:00	12/27/24 15:11	E245.1	
7439-98-7	Molybdenum	5.11	U	1	5.11	100	ug/L	12/27/24 10:05	12/27/24 15:44	EPA 200.7	
7440-02-0	Nickel	24.2		1	1.28	20.0	ug/L	12/27/24 10:05	12/27/24 15:44	EPA 200.7	
7440-22-4	Silver	78.6	N	1	0.83	5.00	ug/L	12/27/24 10:05	12/27/24 15:44	EPA 200.7	
7440-66-6	Zinc	70.2	N	1	1.44	20.0	ug/L	12/27/24 10:05	12/27/24 15:44	EPA 200.7	

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	Metals Group1			

U = Not Detected
 LOQ = Limit of Quantitation
 MDL = Method Detection Limit
 LOD = Limit of Detection
 D = Dilution
 Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
 B = Analyte Found in Associated Method Blank
 * = indicates the duplicate analysis is not within control limits.
 E = Indicates the reported value is estimated because of the presence of interference.
 OR = Over Range
 N = Spiked sample recovery not within control limits



LAB CHRONICLE

OrderID:	P5297	OrderDate:	12/16/2024 11:35:00 AM
Client:	Elegant Jewelers Mfg. Co. Inc.	Project:	SEPT-23
Contact:	Sandy Petropoulos	Location:	M11

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P5297-02	SEPT-23	Water			12/18/24			12/19/24
			Mercury	245.1		12/27/24	12/27/24	
			Metals ICP-Group1	200.7		12/27/24	12/27/24	



A

B

C

SAMPLE DATA

Report of Analysis

Client:	Elegant Jewelers Mfg. Co. Inc.	Date Collected:	12/19/24 11:50
Project:	SEPT-23	Date Received:	12/19/24
Client Sample ID:	CN-1-4-COMPOSITE	SDG No.:	P5297
Lab Sample ID:	P5297-01	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Cyanide	0.0017	J	1	0.0012	0.0050	mg/L	12/19/24 11:00	12/19/24 15:22	SM 4500-CN C-16 plus E-16
Cyanide-Amenable	0.0050	U	1	0.00093	0.0050	mg/L		12/19/24 00:00	SM 4500-CN B-16 plus G-16

Comments: _____

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

H = Sample Analysis Out Of Hold Time

J = Estimated Value

B = Analyte Found in Associated Method Blank

* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N =Spiked sample recovery not within control limits

LAB CHRONICLE

OrderID:	P5297	OrderDate:	12/16/2024 11:35:00 AM
Client:	Elegant Jewelers Mfg. Co. Inc.	Project:	SEPT-23
Contact:	Sandy Petropoulos	Location:	M11

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P5297-01	CN-1-4-COMPOSITE	WATER			12/19/24 11:50			12/19/24
			Cyanide	SM4500-CN C,E		12/19/24	12/19/24 15:22	
			Cyanide-Amenable	SM4500-CN B,G Cyanide-Amenable			12/19/24 00:00	